

MC8641DTVU1333JC



Part Number: [MC8641DTVU1333JC](#)

Manufacturer: [NXP Semiconductors / Freescale](#)

Description: IC MPU MPC86XX 1.333GHZ 1023BGA

Data sheet:  [MPIC Double Interrupt Errata](#)  
 [MCP8641\(D\)](#)

RoHs Status: Lead free / RoHS Compliant

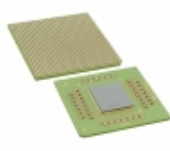
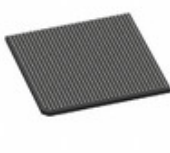
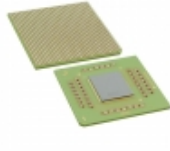
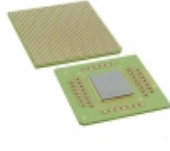
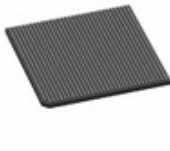
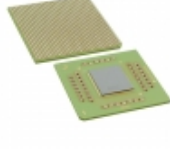
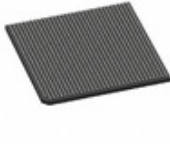
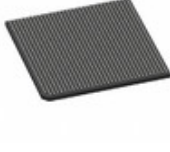
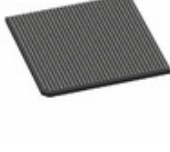
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.  
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Request For Quotation

| PRODUCT PARAMETER                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                    |                                  |                                                                            |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|----------------------------------|----------------------------------------------------------------------------|
| Part Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | MC8641DTVU1333JC                                                                   | Manufacturer                     | <a href="#">NXP Semiconductors / Freescale</a>                             |
| Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | IC MPU MPC86XX 1.333GHZ 1023BGA                                                    | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                 |
| Quantity Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | 5226 pcs                                                                           | Data sheet                       | <a href="#">MPIC Double Interrupt Errata</a><br><a href="#">MCP8641(D)</a> |
| Category                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | <a href="#">Integrated Circuits (ICs)</a>                                          | Voltage - I/O                    | 1.8V, 2.5V, 3.3V                                                           |
| USB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | -                                                                                  | Supplier Device Package          | 1023-FCCBGA (33x33)                                                        |
| Speed                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 1.333GHz                                                                           | Series                           | MPC86xx                                                                    |
| Security Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                  | SATA                             | -                                                                          |
| RAM Controllers                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | DDR, DDR2                                                                          | Packaging                        | Bulk                                                                       |
| Package / Case                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 1023-BCBGA, FCCBGA                                                                 | Operating Temperature            | -40°C ~ 105°C (TA)                                                         |
| Number of Cores/Bus Width                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 2 Core, 32-Bit                                                                     | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                              |
| Lead Free Status / RoHS Status                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Lead free / RoHS Compliant                                                         | Graphics Acceleration            | No                                                                         |
| Ethernet                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 10/100/1000 Mbps (4)                                                               | Display & Interface Controllers  | -                                                                          |
| Detailed Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | PowerPC e600 Microprocessor IC MPC86xx 2 Core, 32-Bit 1.333GHz 1023-FCCBGA (33x33) | Core Processor                   | PowerPC e600                                                               |
| Co-Processors/DSP                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | -                                                                                  | Base Part Number                 | MC8641                                                                     |
| Additional Interfaces                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | UART, HSSI, I²C, RapidIO                                                           |                                  |                                                                            |
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| RELATED PRODUCTS                                                                   |                                                                                          |                                                               |                |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|---------------------------------------------------------------|----------------|
|  | Part#: <a href="#">MC8641DTHX1333JC</a><br>Description: IC MPU MPC86XX 1.333GHZ 1023BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTVU1333JE</a><br>Description: IC MPU MPC86XX 1.333GHZ 1023BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTVU1000NC</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTHX1333JE</a><br>Description: IC MPU MPC86XX 1.333GHZ 1023BGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTVJ1333JE</a><br>Description: IC MPU E600 DUAL CORE 1023FCCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVJ1500KE</a><br>Description: IC MPU E600 DUAL CORE 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTHX1250HC</a><br>Description: IC MPU MPC86XX 1.25GHZ 1023BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVU1000GB</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVU1000NB</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVU1000NC</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTVU1000GC</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTHX1250HE</a><br>Description: IC MPU MPC86XX 1.25GHZ 1023BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVU1000GE</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVU1000NE</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTVU1000GE</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVU1000GC</a><br>Description: IC MPU MPC86XX 1.0GHZ 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTVU1250HE</a><br>Description: IC MPU MPC86XX 1.25GHZ 1023BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVJ1000NE</a><br>Description: IC MPU E600 DUAL CORE 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DVJ1333JE</a><br>Description: IC MPU E600 DUAL CORE 1023FCCBGA  | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |
|  | Part#: <a href="#">MC8641DTVU1250HC</a><br>Description: IC MPU MPC86XX 1.25GHZ 1023BGA   | Manufacturers: <a href="#">NXP Semiconductors / Freescale</a> | <div>RFQ</div> |

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